## SWDV 210 project 4: Refactor Website to Use Functions

**Project Due SATURDAY, November 19, 11:59pm**

### Introduction

In this assignment, implement functions/methods in your website from Project 3. Use functions in all your pages that interact with the database. Utilize a constructor for the database connection. Add an admin link & listEmployees to your navigation.

### What to Do

Move your database reads & writes into function calls stored in external files.

* Create a database folder to hold your database definition & function calls
* Refactor you PDO definition/connection call into an external file stored in the database folder
* Refactor your code to add and delete database information using the functions stored in the database folder & files
* Add an admin link & listEmployees link to all navigation

### Submitting work

1. Deploy your pages to your C:\xampp\htdocs\ directory on your virtual server. Have your neighbor test the path to ensure it is correct and accessible!
2. Save all code in an appropriate online repository.
3. Post in BB under Assignments – Project 4:
   1. Working link to online repo – NO ZIPPED FILES
   2. Site path link on your VM (IP address + folder name)

### Grading

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| Points | Assignment | Requirements |
| 150 | HTML, CSS, JavaScript, PHP & MySQL | 1. Contact page loads without error (5); has appropriate edits and user-friendly error messages (5); matches look & feel of site (5); updates database tables correctly (10); uses appropriate function calls to external files (20). 2. Admin page loads visitor contact information from database without error (5); information presented is appealing (5); matches look/feel of website (5); allows delete/update of individual visitor contact records & reloads page where row is deleted (10); uses appropriate function calls to external files (20). 3. ListEmployee pages loads employee data without error (5); uses appropriate function calls to external files (15). 4. Database connection correctly utilizes a static function or constructor & non-root user (20). 5. Admin & listEmployee links exist in all navigation/consistent navigation (20). |
| 25 | PHP & SQL | PHP pages are well documented including inline comments & modification logs. |
| 25 |  | All directions followed; submitted paths work without errors; post includes repo link to HTML, CSS, PHP & SQL code; credentials provided for phpmyadmin access if different than standard. |